

FIGURE 1A

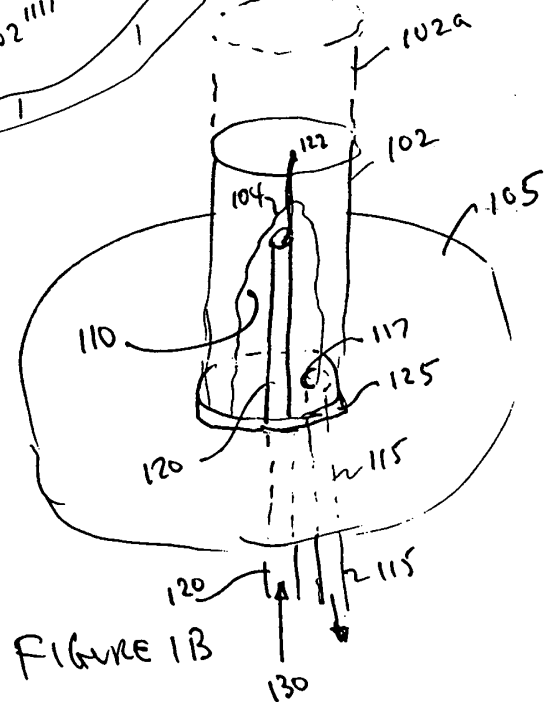


FIGURE 1B

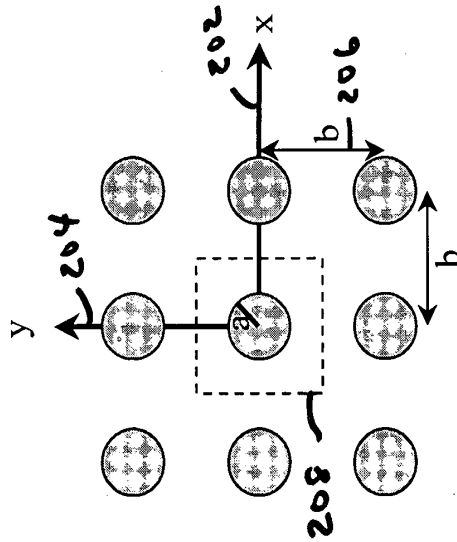


Figure 2A

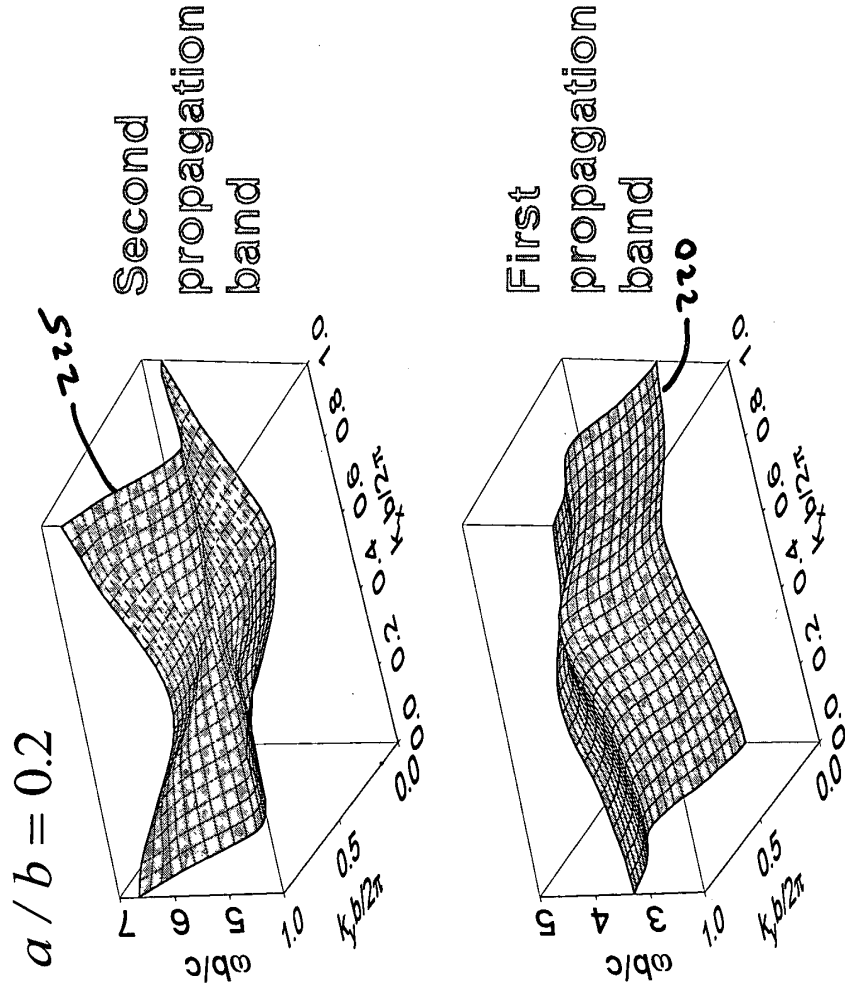


Figure 2B

204010\*1994E001

204070-1994E001

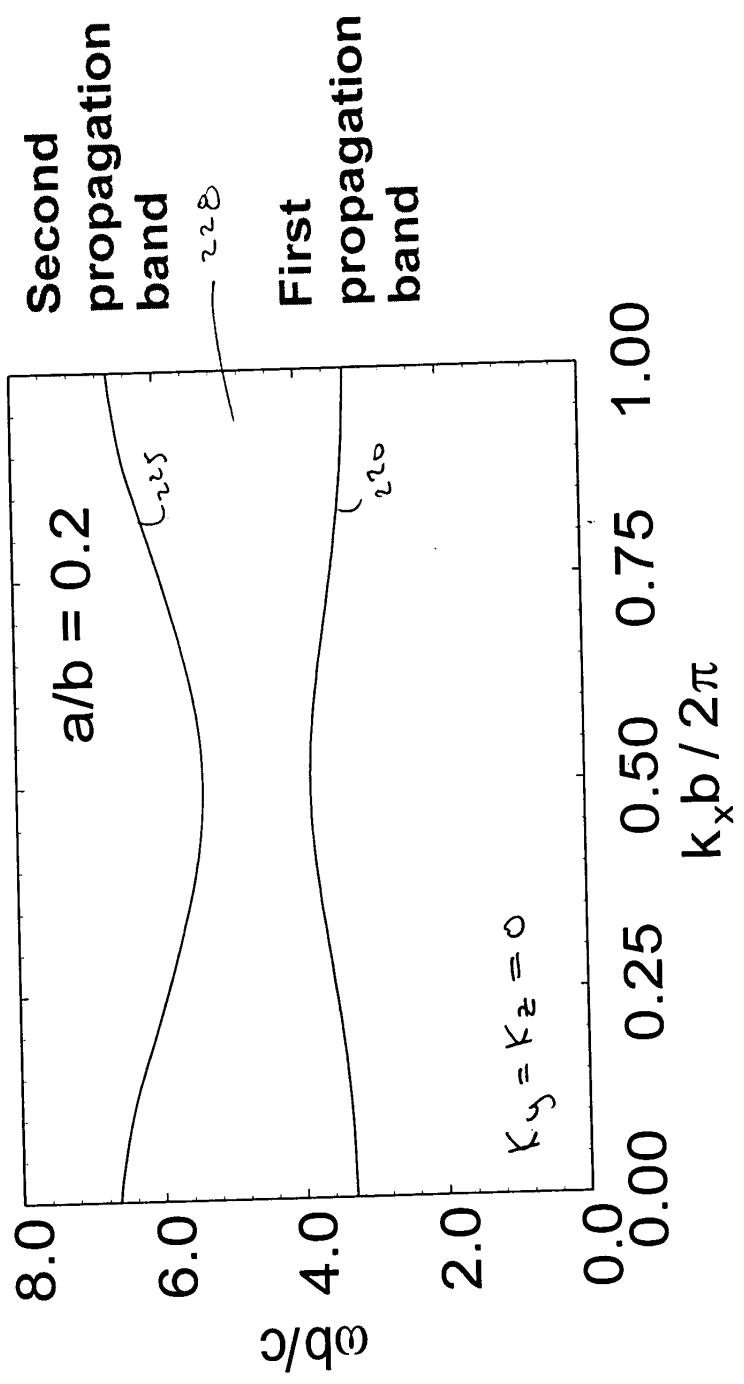


FIGURE 2C

Title Vacuum Electron Device with Photonic  
Bandgap Structure and Method of Use Thereof  
Inventor(s): Chen et al.  
Serial No. Not Yet Assigned  
Atty Docket No. MIT-132 (5473/145)  
Atty/Agent: Joseph B. Milstein  
Express Mail Mailing Label No. EL816677502US

$$(k_x, k_y, k_z) = (\pi/b, 0, 0)$$

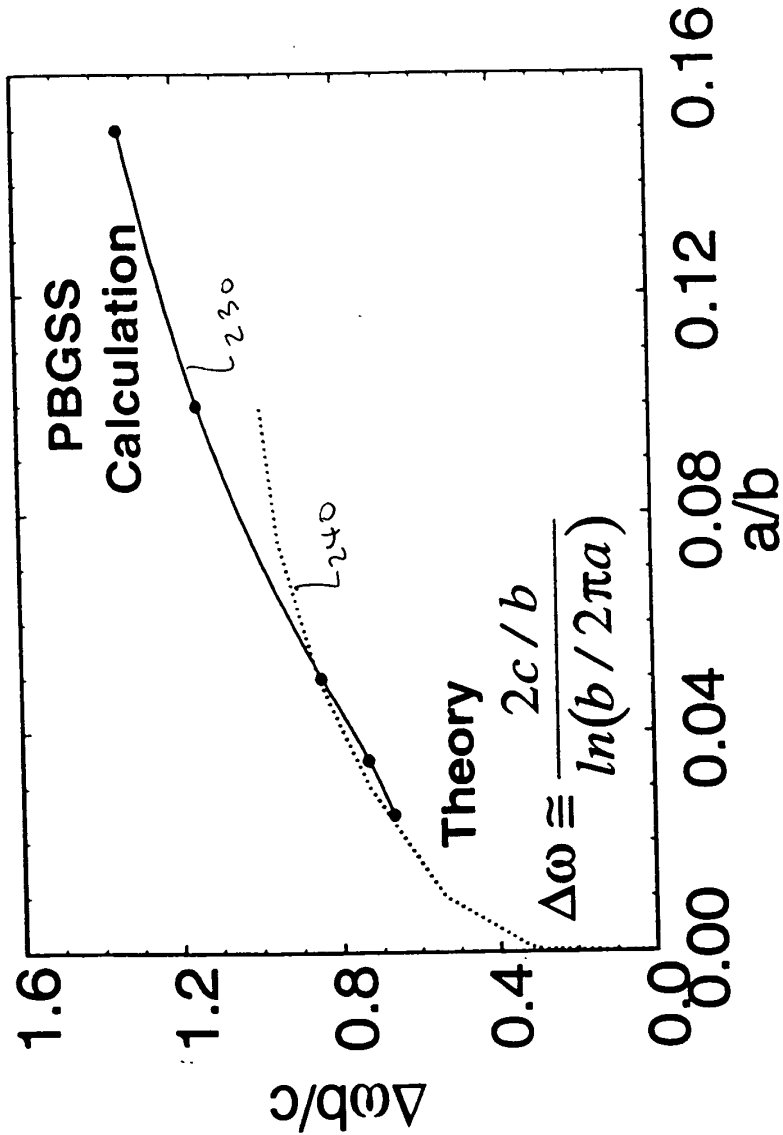


FIG. 2D

204070-1992E001

Title: Vacuum Electron Device with Photonic  
Bandgap Structure and Method of Use Thereof  
Inventor(s): Chen et al.  
Serial No. Not Yet Assigned  
Atty Docket No. MIT-132 (5473/145)  
Atty/Agent: Joseph B. Milstein  
Express Mail Mailing Label No. EL816677502US

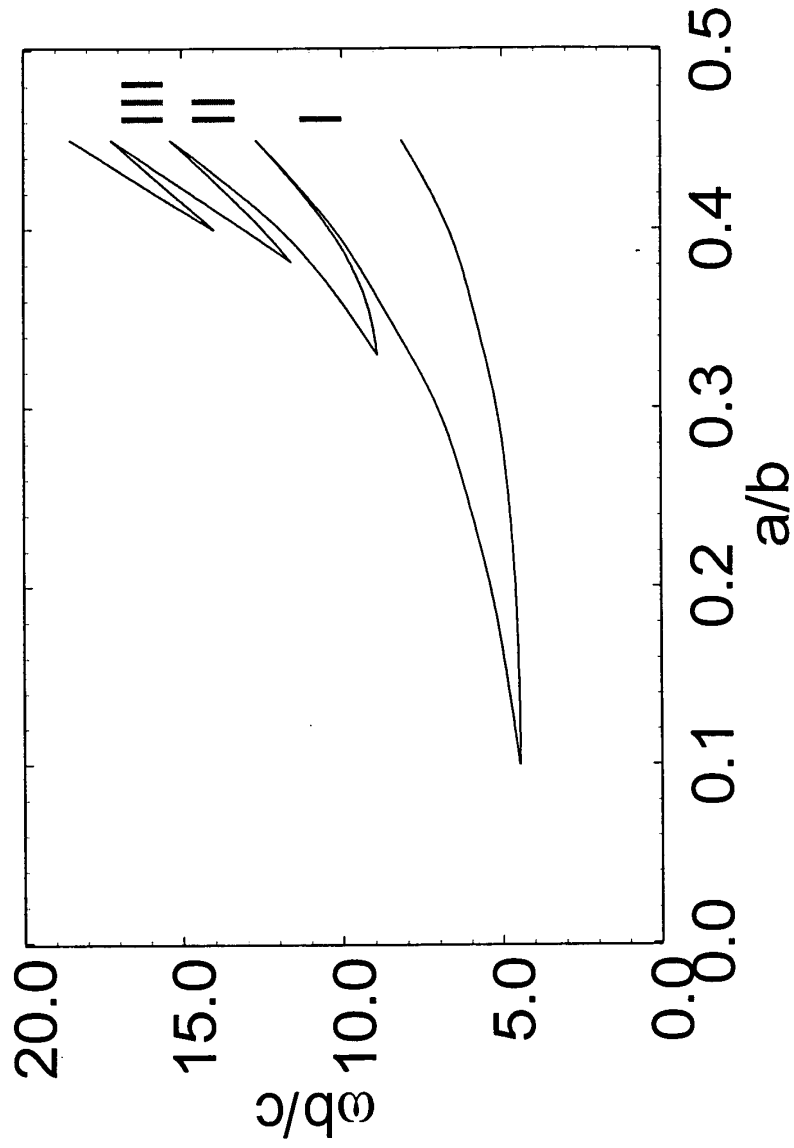


FIGURE 3

2010-09-24

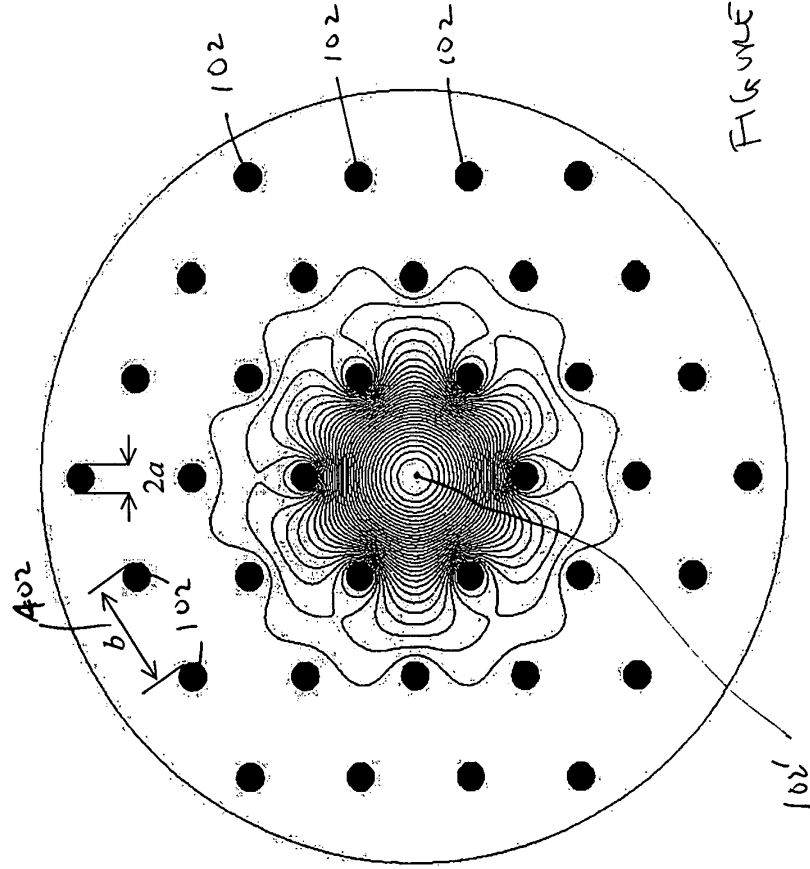
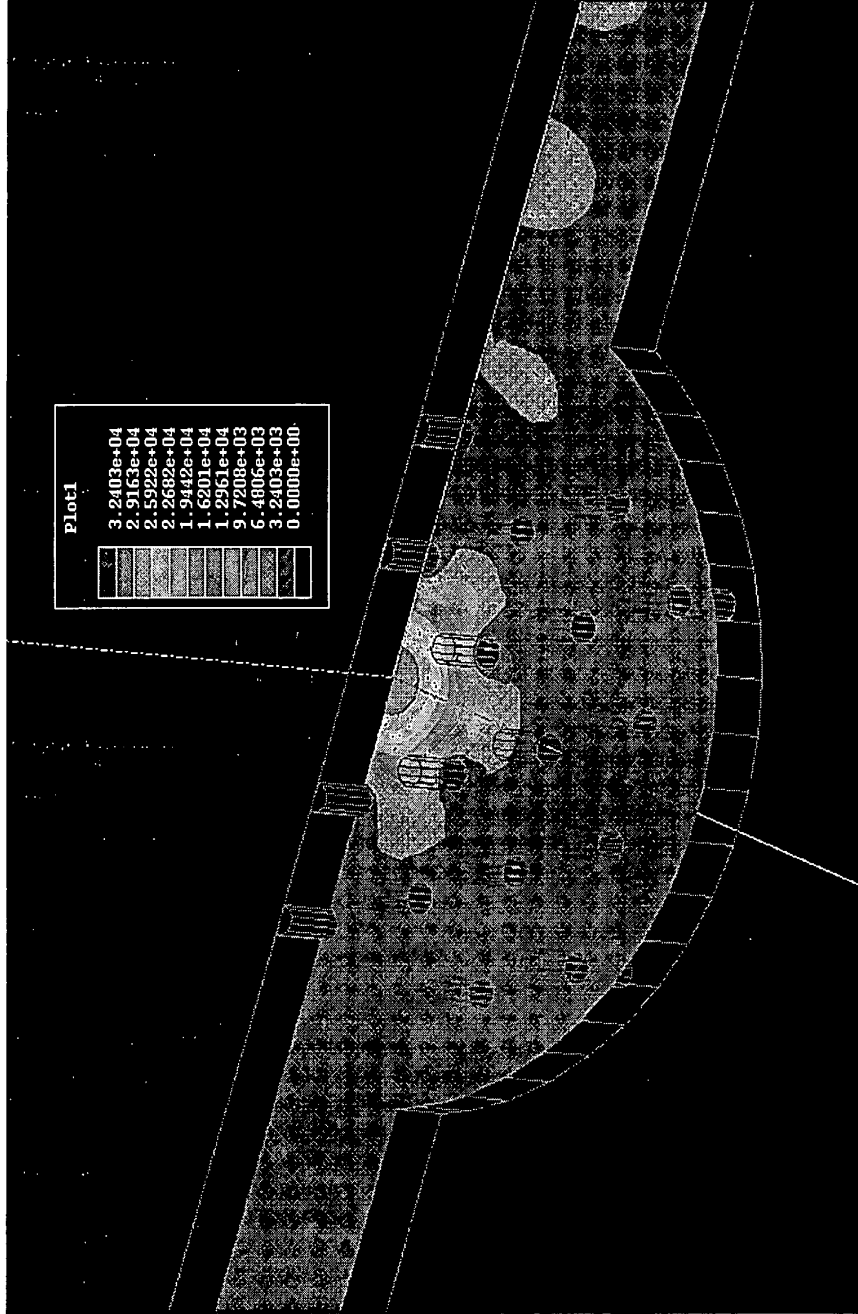


FIGURE 4A

204070-1937E001

Figure 4B



204070-T99ZC00T

700

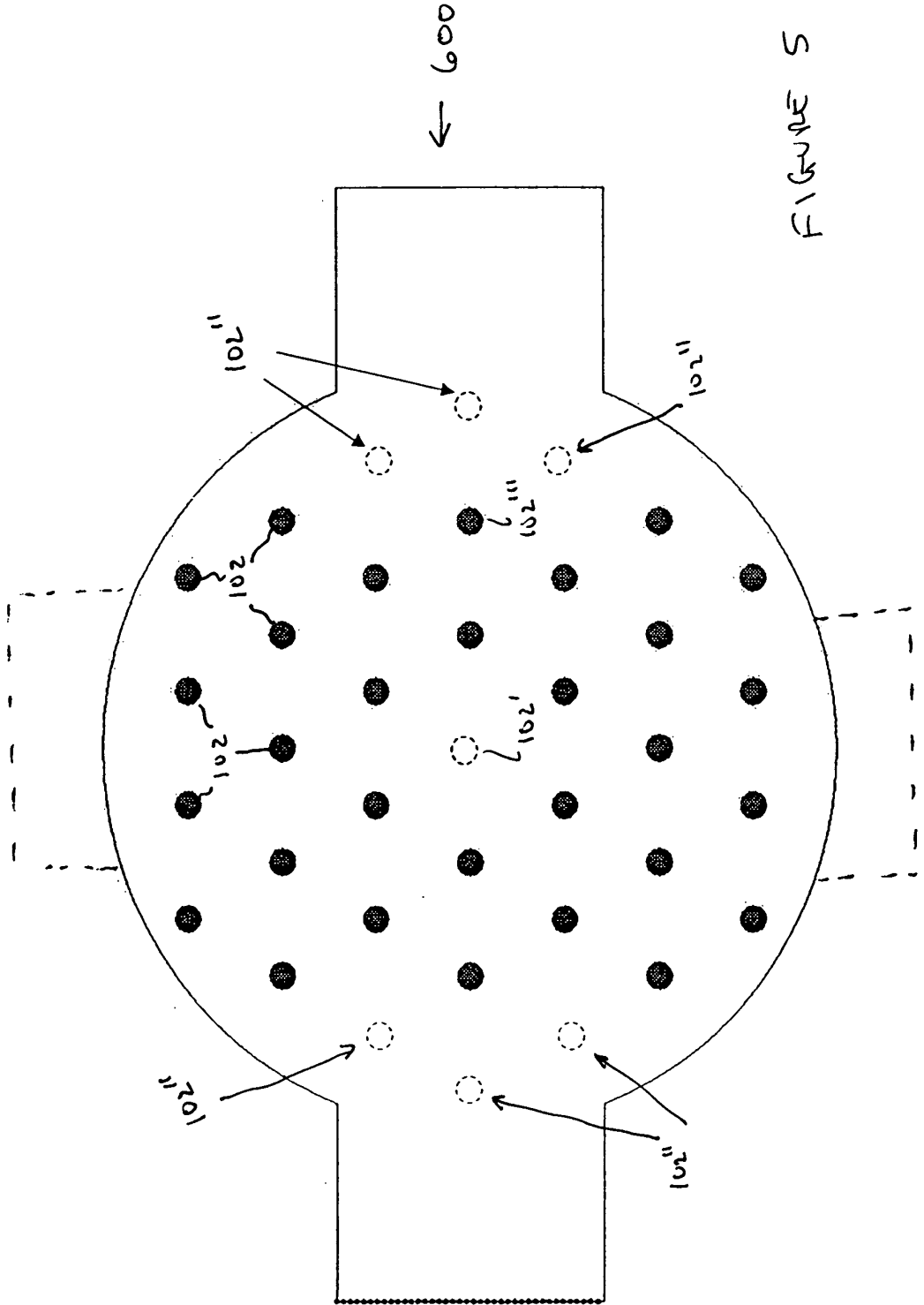


FIGURE 5



204070-T99ZED001

Title: Vacuum Electron Device with Photonic  
Bandgap Structure and Method of Use Thereof  
Inventor(s): Chen et al.  
Serial No. Not Yet Assigned  
Atty Docket No. MIT-132 (5473/145)  
Atty/Agent: Joseph B. Milstein  
Express Mail Mailing Label No. EL816677502US

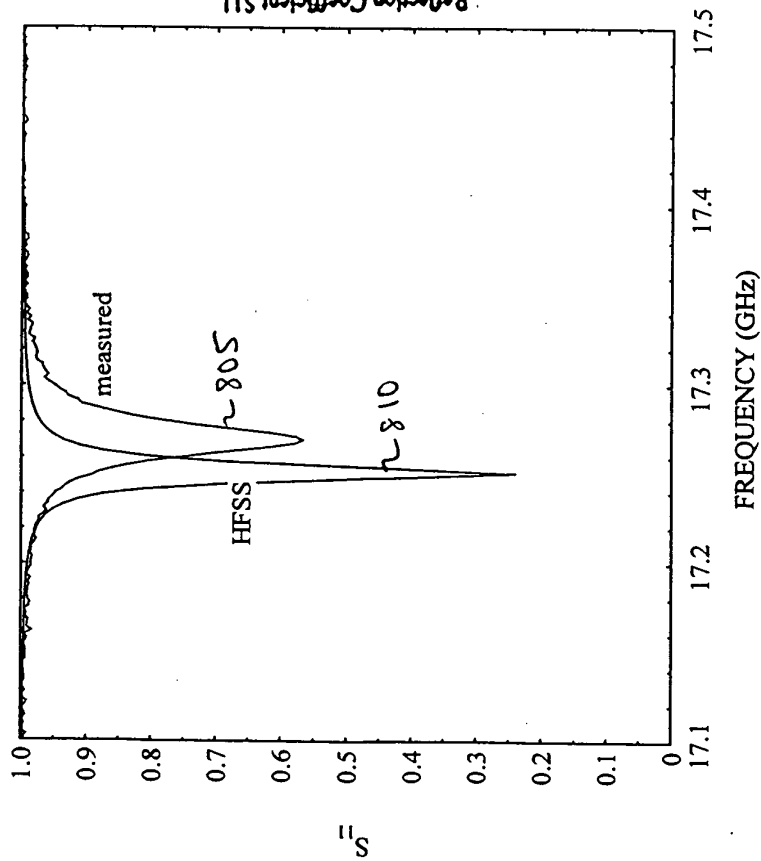


FIGURE 6A

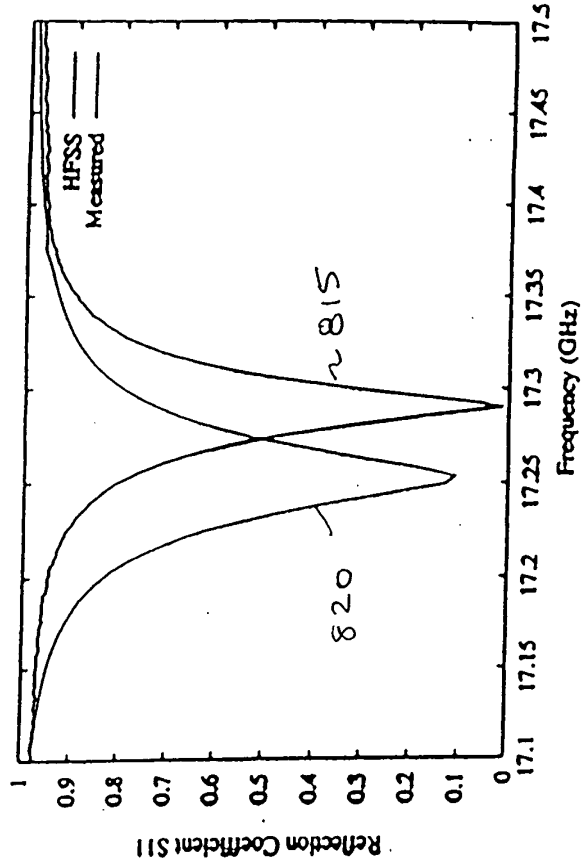


FIGURE 6B

10037661 "010402  
204070 T99CE001

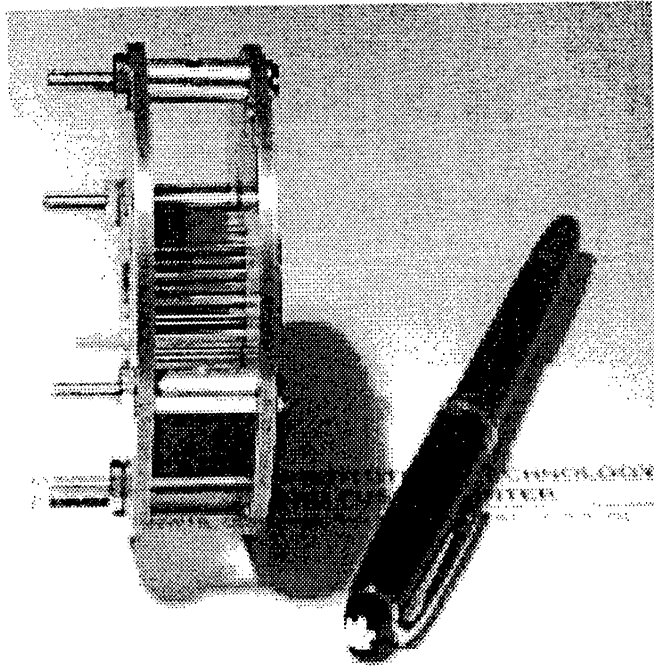


Figure 7B

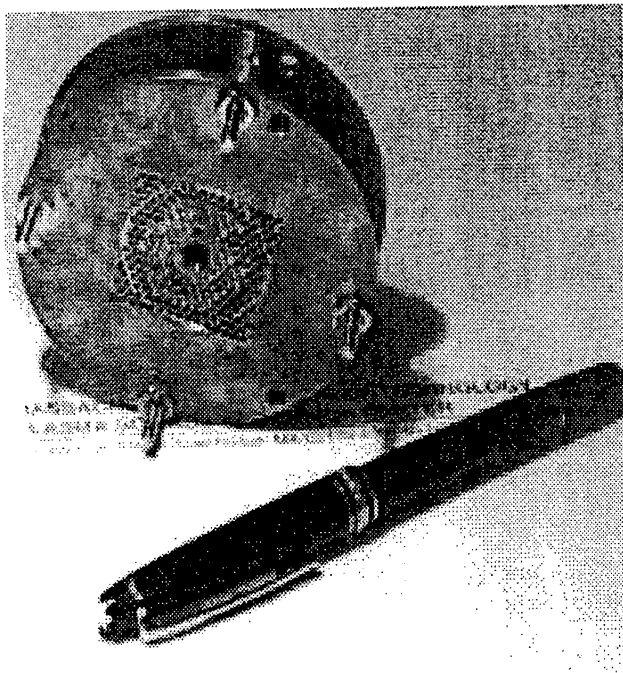


Figure 7A

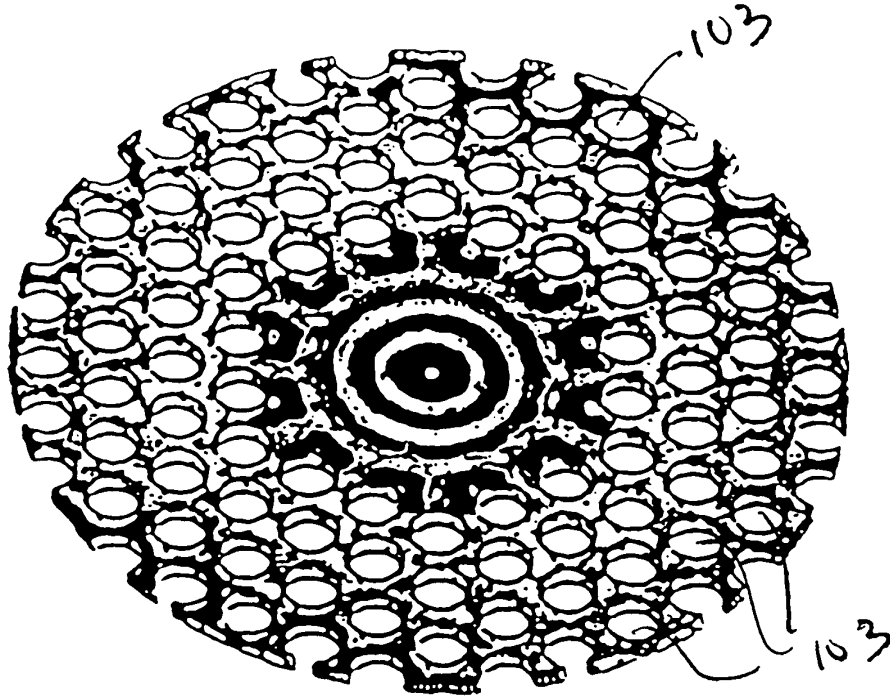


Figure 8A

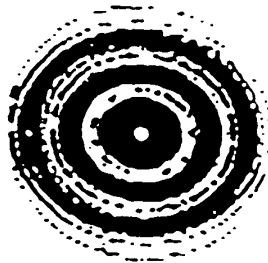


Figure 8B

10037661.010402

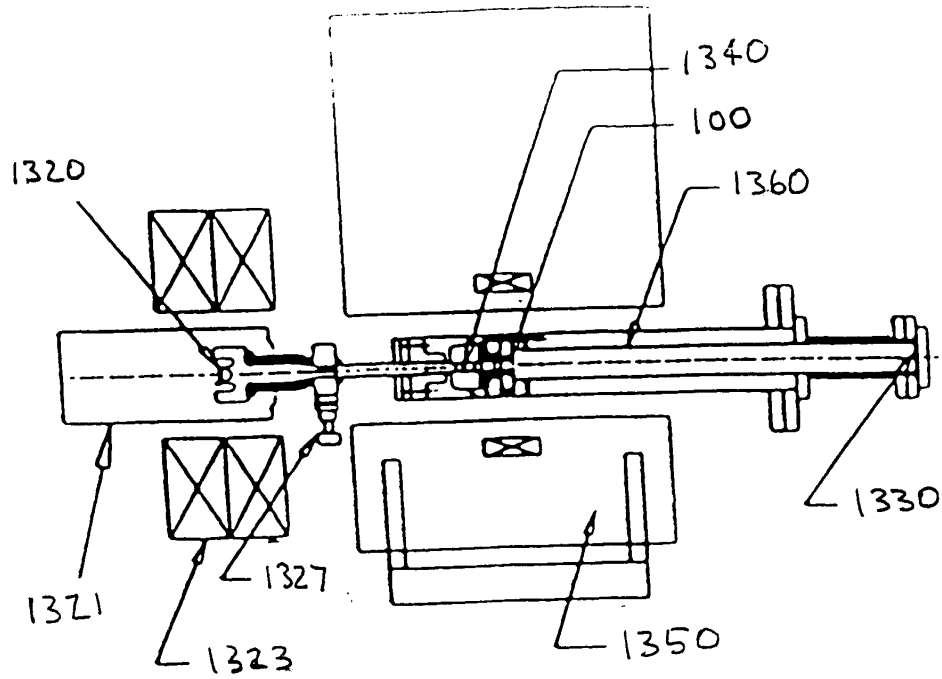


FIGURE 9

10037661.010402

20101010037661.010402

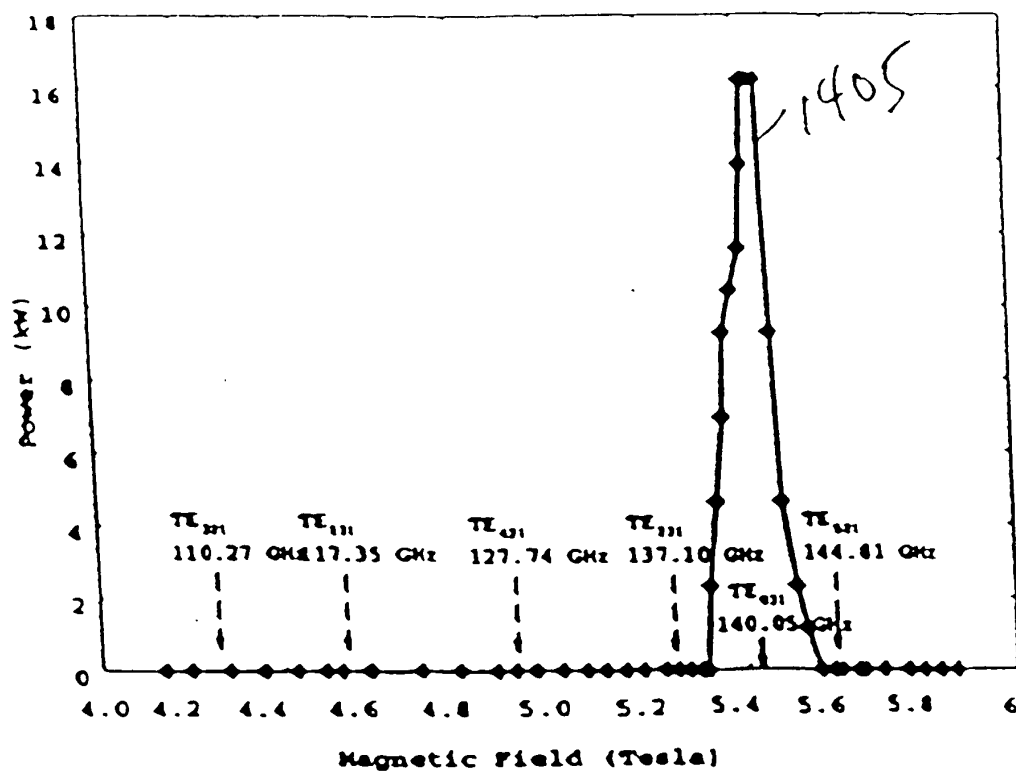


FIGURE 10